Qty:

6 Um:

Each

Dates

Thursday, 2/14/2008 11:01:31 AM

User:

Kim Johnston

Process Sheet

Drawing Name

Part Number

Material

Due Date

Drawing Number

Project Number

Drawing Revision

: PANEL

: D33302

: 3/15/2008

: N/A

: D

D3330 REV D

'Customer

: CU-DAR001 Dart Helicopters Services

Type

S.O. No. :

Job Number **Estimate Number**

: 37441 : 10905

P.O. Number

: 2/14/2008 This Issue

: NC

Prsht Rev. : //

First Issue Previous Run

: 35486

Written By

Checked & Approved By

Comment

New issue KJ/JLM Est Rev:B Now on Waterjet 06-09-25 JLM

est C 07.05.14 rev C dwg

Est D 07.12.12 Rev D dwg EC veryfied by:DD

: SMALL /MED FAB

: Est.

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

M1010S125

1010-1025 sheet .125

Comment: Qty.:

Total: 1.1445 sf(s)/Unit

6.8670 sf(s)

1010-1025 sheet .125

Batch: 106140

8-9-95

2.0

WATER JET

FLOW WATER JET



Comment: FLOW WATER JET

1-Cut as per Dwg D3330

Dwg Rev:_ Prog Rev:_ B 8-9-35

2-Deburr if necessary

3.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE



HB 8-2-32

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0

Comment: SECOND

BRAKE NO



5.0

NC BRAKE



Comment: NC BRAKE

Deburr

Form as per Dwg D3330

6

Dart Aerospace Ltd

W/O:	,	WORK ORDER CHANG	WORK ORDER CHANGES								
DATE STEP		PROCEDURE CHANGE	Ву	Date	Date	Date	Date	/ Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No	:	PAR #: Fault Category:	NCR: Yes	No DQ	A:	<u>)</u> Date: ≧	8/03/12				
			QA:	N/C Close	d:	_ Date: _					
		WORK ORDER NON-CONFORM	ANCE INC	D)							

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
		Description of NC	Corrective Action Section B		Verification	Approval	Approva	
DATE	STEP	Section A	Initial Chief Eng	Initial Action Description Sign &		Section C		
						:		

NOTE: Date & initial all entries

Date: Thursday, 2/14/2008 11:01:32 AM User: Kim Johnston **Process Sheet** Drawing Name: PANEL Customer: CU-DAR001 Dart Helicopters Services Job Number: 37441 Part Number: D33302 Job Number: Seq. #: Description: Machine Or Operation: INSPECT WORK TO CURRENT STEP 6.0 QC5 Comment: INSPECT WORK TO CURRENT STEP 08/0 PACKAGING 1 PACKAGING RESOURCE #1 7.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 8.0 00/03 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

Dart Aerospace Ltd

Dail AG	OSpace	5 Ltu							
W/O:			WC	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Cate	gory:	NCR: Yes	No DQA	:	Date:	
					QA: N	/C Closed:		Date:	
NCR:			WORK ORDI	ER NON-CONFORMA	NCE (NCR	()			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section Action Description Chief Eng	on B Sign & Date	Verifica Section		Approval Chief Eng	Approval QC Inspector
				Onlei Eng					

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order: 3フレナ	
Description: Panel	Part Number: D3330-2	
Inspection Dwg: D3330 Rev: ST 3 06.214	Page 1 of 1	

FIRST ARTICLE INSPECTION CHECKLIST

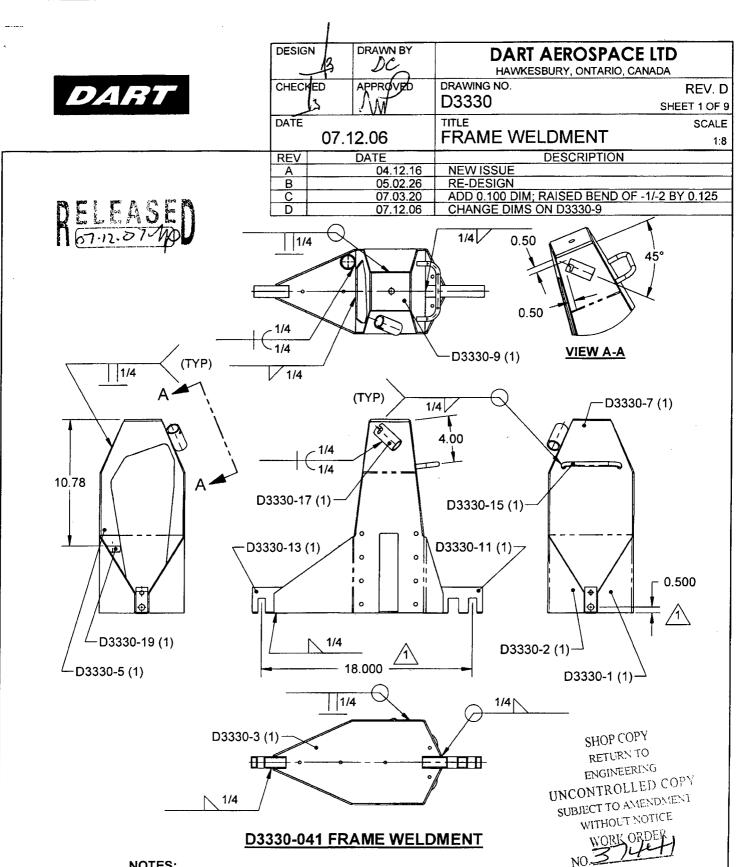
X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.327	+0.006/-0.001	8eE,	XE			
16.66	+/-0.030	16.66				
1.69	+/-0.030	1.69				
4.646	+/-0.010	4.646			'n	
0.750	+/-0.010	,760				
6.77	+/-0.030	6.77				
10.41	+/-0.030	10.41				
6.45	+/-0.030	6.44				
6.000	+/-0.010	6,000				
2.000 Pitch	+/-0.010	000. G				
2.323	+/-0.010	168 6				
0.80	+/-0.030	, %0				
		-				
, IV						
		-)		

Measured by:	B	Audited by:		Prototype Approval:	N/A
Date:	16-6-8	Date:	0601.15	Date:	N/A

A 06.10.27 New Issue KJ/JLM	proved	<u> </u>	Revised by	Change	Date	Rev
					06.10.27	A
B 07.03.10 Dwg Nev updated	E	上	KJ/EC	 	07.05.16	1 8 1





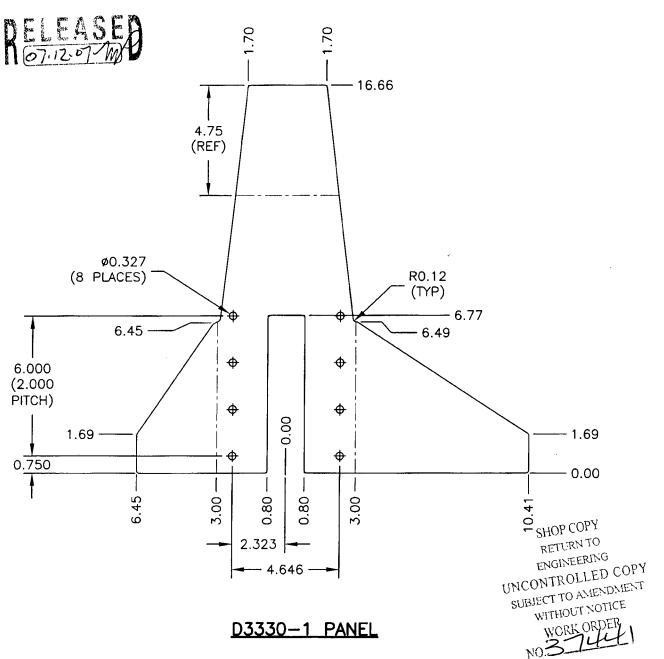
NOTES:

- 1) POSITION PARTS AS PER JIG D3330-041T1
- 2) WELD PER QSI 004
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

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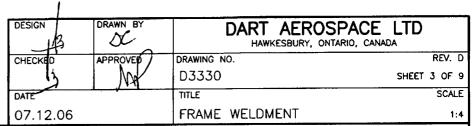
DESIGN	DRAWN BY	DART AEROSF HAWKESBURY, ONTAK	
СНЕСКЕ	APRROVED)	DRAWING NO.	REV. D
1 25	1 VV	D3330	SHEET 2 OF 9
DATE		TITLE	SCALE
07.12.06		FRAME WELDMENT	1:4

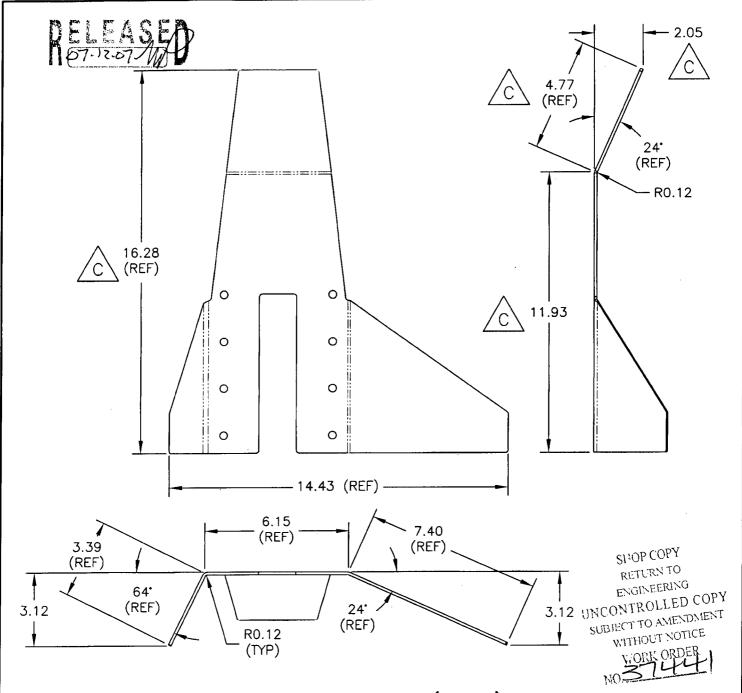


NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010







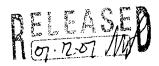
D3330-1 BEND DETAIL (SHOWN)

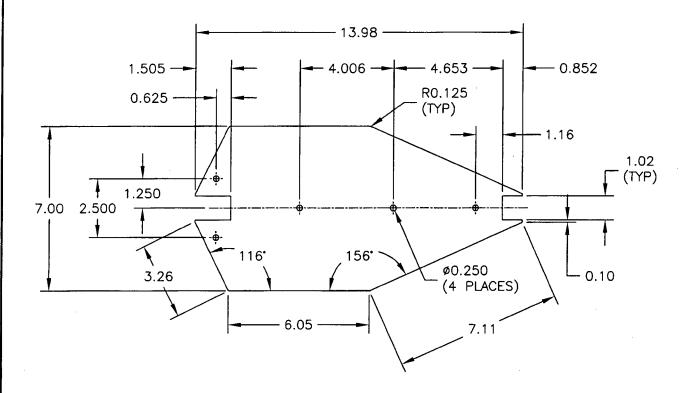
BEND D3330-2 (OPPOSITE)

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CHECKED	APRROVED	DRAWING NO.	REV. D
1 3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	D3330	SHEET 4 OF 9
DATE		TITLE	SCALE
07.12.06		FRAME WELDMENT	1:4





D3330-3 PLATE

SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER

NO ..

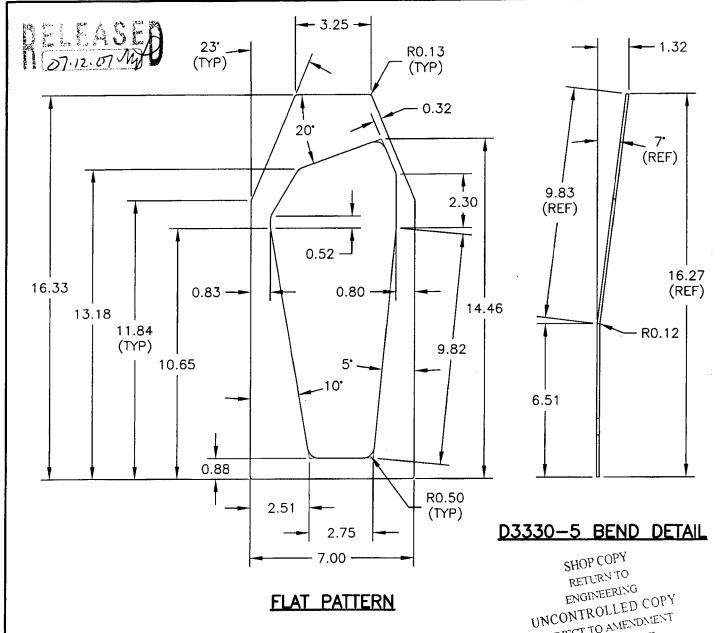
NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010



DESIGN	DRAWN BY	DART AEROSI HAWKESBURY, ONTA	
CHECKED	APPROVED /	DRAWING NO.	REV. D
1 5	1 M	D3330	SHEET 5 OF 9
DATE		TITLE	SCALE
07.12.06		FRAME WELDMENT	1:4

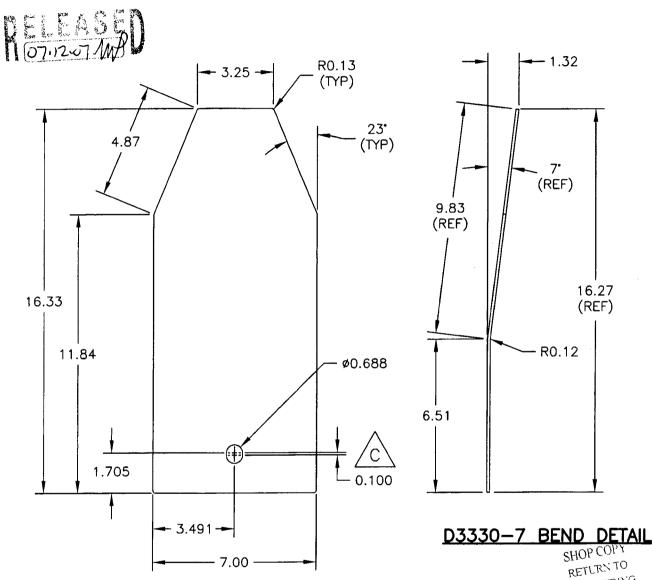
SUBJECT TO AMENDMENT WITHOUT NOTICE



- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010



DESIGN	DRAWN BY	DART AEROS HAWKESBURY, ONT	
CHECKED	APPROVED /	DRAWING NO.	REV. D
1 3	1	D3330	SHEET 6 OF 9
DATE		TITLE	SCALE
07.12.06		FRAME ASSEMBLY	1:4



FLAT PATTERN

ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT

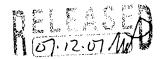
WITHOUT NOTICE

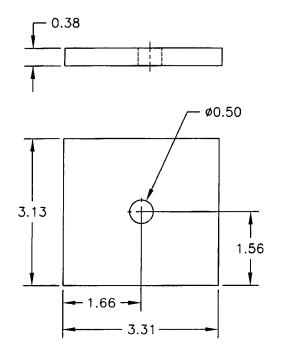
NOTES:

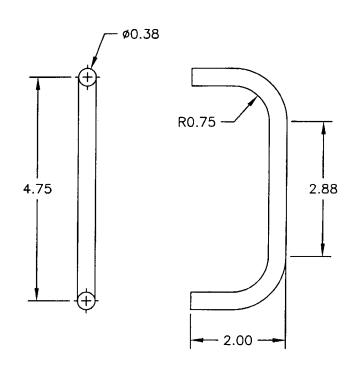
- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G4 $^{\circ}$ $^{\circ}$ 21. 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010



DESIGN	DRAWN BY	DART AEROS HAWKESBURY, ONTA	
CHECKED,	APPROVED	DRAWING NO.	REV. D
1 4	JVY	D3330	SHEET 7 OF 9
DATE		TITLE	SCALE
07.12.06		FRAME WELDMENT	1:2







↑ D3330-9 TOP PLATE

SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE

NO .-

NOTES:

1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008, 0.375 STEEL

(REF. DART SPEC. M1010-B0.375x3.500)

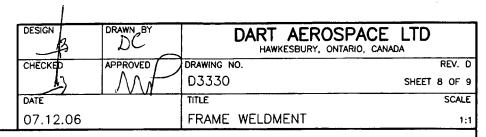
2) MATERIAL: AISI 1018-1025 ROUND BAR PER MIL-S-7097 (REF. DART SPEC. M1018-R0.375)

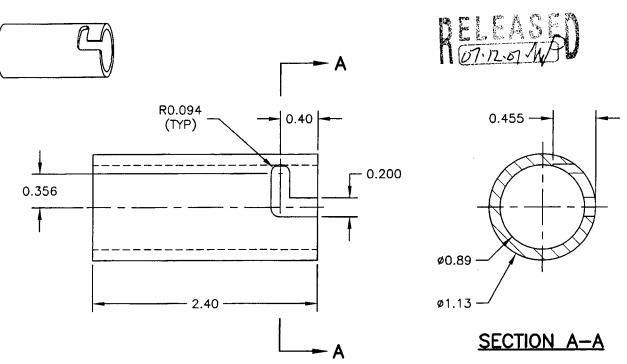
3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

4) ALL DIMENSIONS ARE IN INCHES

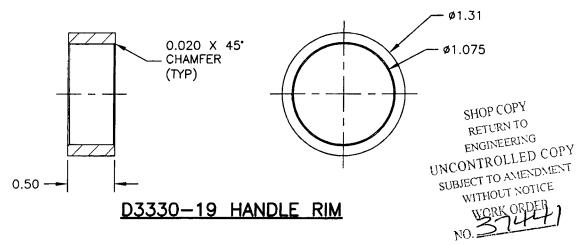
5) BREAK ALL SHARP EDGES 0.005 TO 0.010







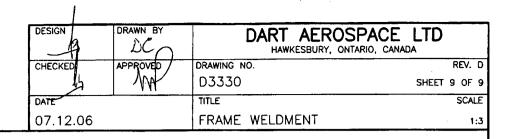
D3330-17 HANDLE SOCKET

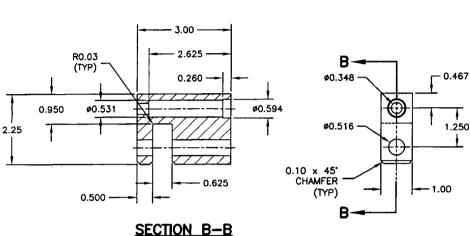


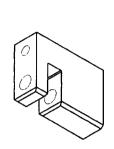
NOTES:

- 1) MATERIAL: 1010-1025 ROUND BAR STEEL PER MILL-S-7097 (REF. DART SPEC. M1025TR)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

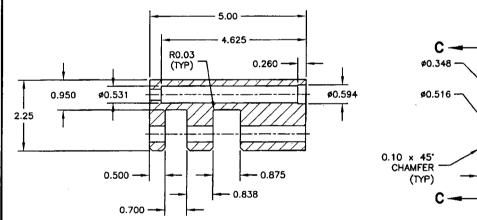


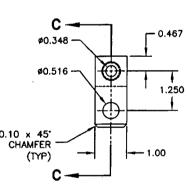


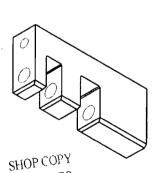




D3330-13 SHORT PIN BRACKET







SECTION C-C

D3330-11 LONG PIN BRACKET

RETURN TO **ENGINEERING** UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570, 1.000 THICK STEEL (REF. DART SPEC. M1010-B1.000x02.250)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010